

Abstract

An implant assembly of flexible nails (19) for fractures of long bones comprises of a straight universal length flexible nails having properties of ductility as 15% to 25% of elongation of nail and ultimate tensile strength of 600 to 800 Mega Pascal on testing, having an identical pathfinder blunt conical tip (20) at both ends, an optional proximal fixation device (27) with optional plural holes for interlocking screws (28) to be used in combination with said flexible nails having peripheral equally spaced plural grooves deep less than diameter of one said flexible nail, a end cap with plural holes to be used in combination with said proximal fixation device to anchor cut hooked ends of said flexible nails and a tool plier _ knurler cum cutter temporarily applied when said flexible nails are alone in use.

DRAWINGS